



## Shipping Order

16/11/2016

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7 *Tel.*: 450 641-3330

*Order* : 119174  
*Reference* : 33746  
*Bid* : 19832  
*Ship* : PICK UP / PICK UP

*Customer*: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

*Ship To*

Same

*Tel.*: 1 613 632-3336

<i>Item No.</i>	<i>Description</i>	<i>Qty</i>	<i>Qty. Delivered</i>	<i>B/O Qty</i>
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SF14124	304 FLA .250 X .500 30 X 13.42' ht;56900658	✓ 402.5	<u>402.5</u>	<u>φ</u>

end of october

*Sell 11-21*

*Shipping* : \_\_\_\_\_  
*Package No* : \_\_\_\_\_  
*Merchandise Received*: \_\_\_\_\_

*Ref.* :

*Rec* *DP* *CS* / 364  
11-16-16

<b>BOLLINGHAUS</b> <b>STEEL</b> Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458		Abnahmeprüfzeugnis / Mill Test Certificate / Certif. de Qualidade <b>EN 10204:2004 / 3.1</b>		No.: / Nr.: / Nr.: <b>0p00119011</b>	
		Unsere Innere Verweisung / Our int. Ref / ref int <b>5600031591 000040</b>		Datum / Date / Data <b>26.09.2016</b>	
<b>Normen / Standards / Normas</b> TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A479/A479M-16, A276/A276M-16a, SAE-AMS-QQ-S 783D, AMS5639H, AMS5647J, ASME SA479/SA479M, ASME SA276, ASTM A182/A182M-16a F304/304L, A193/A193M-16 CL 1Gr.B8, ASTM A314-15, ASTM A320/A320M-15a, DOD-F24869/6, ASME SA182/SA182M, ASME SA 193/SA193M, ASME SA320 CL 1Gr.B8, ASTM A262-15 Practice E, grain size as per ASTM E112, NACE MR 0175, Mercury free statement, not weld repair statement, contents of N, Co, Mo and Cu, in hot rolled, solution annealed, pickled, straightened execution as per ASTM A484/A484M-16					
Kunde / Customer / Cliente			Endgültiger Kunde / Final Customer / Cliente Final		
Bestell Nr. / Order Nr. / Enc. Nr. <b>C105024</b>			Bestell Nr. / Order Nr. / Enc. Nr. <b>C105024.01</b>		
Produktgruppe / Product Group / Grupo Produto <b>AISI 304/L FLAT 1/4 X 1/2"</b>		Gewicht / Weight / Peso <b>1.059 lb</b>		Bunde / Bundle / Atados <b>01</b>	
Werkstoff-Nr. / Material no. / Qualidade <b>1.4307</b>		Werkstoff-Normbezeichnung / Material standard grade / Norma do material <b>X 2 CrNi 18-9</b>			
<b>Beschreibung / Description / Descrição</b> Stainless steel flat bars, hot rolled, solution annealed, straightened, pickled. US DRAR 262 225-7009, MELT SOURCE: United Kingdom / MFG: Portugal.					
<b>Chemische Analyse in % / Chemical composition in % / Análise química em %</b>					
Schmelz-Nr. / Cast no. / Fundido no. <b>00900658</b>	C 0.030 Si 0.228 Mn 1.830 P 0.030 S 0.025 Cr 18.100 Ni 8.100	Si 0.228 Mn 1.830 P 0.030 S 0.025 Cr 18.100 Ni 8.100	Mn 1.830 P 0.030 S 0.025 Cr 18.100 Ni 8.100	P 0.030 S 0.025 Cr 18.100 Ni 8.100	S 0.025 Cr 18.100 Ni 8.100
EAF+AOD Mo 0.430 Co 0.205 Cu 0.298 N 0.008 Ti 0.003 Nb 0.021 Al 0.008	Mo 0.430 Co 0.205 Cu 0.298 N 0.008 Ti 0.003 Nb 0.021 Al 0.008	Co 0.205 Cu 0.298 N 0.008 Ti 0.003 Nb 0.021 Al 0.008	Cu 0.298 N 0.008 Ti 0.003 Nb 0.021 Al 0.008	N 0.008 Ti 0.003 Nb 0.021 Al 0.008	Ti 0.003 Nb 0.021 Al 0.008
<b>ASTM E399</b> Kerbschlagarbeit Impact Test Resistência (Charpy V) [ J ]		<b>ASTM A370</b> Streckgrenze Yield point Tensão limite Rp 0.2 % [ Ksi ] 47.1			
Zugfestigkeit Tensile strength Tensão de ruptura Rm [ Ksi ] 93.5		Dehnung Elongation Alongamento A5 [ % ] 56.1			
Einschnürung Reduction of area Coef. Estricção Z [ % ] 72.9		Dehnung Elongation Alongamento AD [ % ] 59.3			
Visualkontrolle Visual inspection Inspeção visual OK		<b>ASTM E10</b> Härte Hardness Dureza [ HB ] 190		<b>ASTM A262 Practice E</b> Korrosionsbeständigkeit IC Test Corrosão Intermetálica OK	
<b>ASTM A484</b> Maßkontrolle Dimensional inspection Inspeção dimensional OK		<b>ASTM E112</b> Korngröße Grain size Tamanho de grão 9		Wärmebehandlung Heat treatment Tratamento térmico Annealed Quenched 1800 °F (1000 °C) (water quenched)	
Verwechslungsprüfung Test of identity Teste de identificação OK		Makrotopfische Untersuchung Macrographic test Material free from segregation defects. OK		N30587 Nuno Silva (D - NS)	
<b>Bollinghaus Steel, SA</b>					
Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.					
Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.					

19447

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B, 250X, 500

PO / BATCH NO.: 33746/136163

DATE: 16/12/02

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.250

QUANTITY RECEIVED: 360

THICKNESS RECEIVED: .260

QUANTITY INSPECTED: 360

SHEET SIZE ORDERED: \_\_\_\_\_

QUANTITY REJECTED: \_\_\_\_\_

SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	304
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	.250
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	ASTM A276
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	HEAT# 56900658
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	M304 B, 250X, 500
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	M136163
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.  
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: [Signature]

SIGNED OFF BY: \_\_\_\_\_

DATE: 16/12/02

DATE: \_\_\_\_\_

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO33746**

Purchase Order Date 9/22/2016 2:39:21 PM

PO Print Date 9/26/2016

Page Number 1 of 2

**Order From :**

VC-MET002

**Ship To :** DART AEROSPACE LTD

METAUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**E-MAILED**  
SEP 27 2016

**Contact Name**

**Vendor Phone** 800 558 8858

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Ship To Contact**

**Terms** Net 30

**Ship To Phone**

**Currency** CAD

**Ship Via:** Journey Freight collect

**FOB** Destination-Collect

**Ship Acct:**

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
2	M304B0.250x0.500	304 BAR .250 x .500	10/20/2016 Yes 10/20/2016		360.00 f	\$4.05	\$1,458.00

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS  
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

**Line Total:** \$1,458.00


4	71401-45	procurement quality clauses	10/20/2016 No 10/20/2016		1.00	\$0.00	\$0.00
---	----------	-----------------------------	--------------------------------	--	------	--------	--------

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retension of quality documents

Sp/16-11-21

**Note:**

9/26/2016

	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577 Fax: 613 632 1053
---------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

**PURCHASE ORDER**

**Purchase Order ID PO33746**

**Purchase Order Date** 9/22/2016 2:39:21 PM

**PO Print Date** 9/26/2016

**Page Number** 2 of 2

<b>Order From :</b> METAUX SOLUTIONS 2625 BOUL JACQUES-CARTIER EST LONGUEUIL, QC J4N 1L7 CA	VC-MET002	<b>Ship To :</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA
---------------------------------------------------------------------------------------------------------	-----------	------------------------------------------------------------------------------------------

<b>Contact Name</b>		<b>Buyer</b>	Chantal Lavoie
<b>Vendor Phone</b>	800 558 8858	<b>Customer POID</b>	
		<b>Customer Tax #</b>	10127-2607
<b>Ship To Contact</b>		<b>Terms</b>	Net 30
<b>Ship To Phone</b>		<b>Currency</b>	CAD
<b>Ship Via:</b>	Journey Freight collect	<b>FOB</b>	Destination-Collect
<b>Ship Acct:</b>			

**Line Total:** \$0.00

**PO Total:** \$1,458.00

CL u

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 2

**Change Date:** 9/26/2016